PADO24Z4M-956 Servo 24VDC 24W Speed Control DC Fan Datasheet

SKU: 740693663693

Category: Axial & Centrifugal Fans

Price: **$242.99**

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https://www.equipspares.com/product/pado24z4m-956-servo-24vdc-24w-speed-control-dc-fan

Product Description

The Servo PADO24Z4M-956 is a high-reliability industrial air mover engineered specifically for demanding applications such as offset printing machinery. Manufactured by Japan Servo (Nidec), this unit utilizes a robust brushless DC motor architecture designed to deliver consistent torque and maintain thermal stability under continuous load. The aerodynamic profile is optimized for high static pressure generation, a critical requirement for paper delivery systems like the Mitsubishi Diamond 3000, ensuring precise sheet control. Featuring a durable bearing system and structural rigidity, the fan minimizes vibration and acoustic noise. The integrated speed control circuitry allows for dynamic airflow modulation, optimizing thermal impedance and enhancing the overall efficiency of the cooling or pneumatic system.

Model Number: PADO24Z4M-956
Brand: Servo (Japan Servo / Nidec)
Product Type: DC Fan (Centrifugal Blower/Axial)
Rated Voltage: 24 VDC
Power: 24.0 W
Rated Current: 1.0 A
Speed Control: Yes (3-Wire Adjustable)
Application: Mitsubishi Diamond 3000 Paper Delivery
Termination: 3-Wire Lead

Motor Type: Brushless DC
Cooling Function: Paper Delivery / Equipment Cooling
Operating Voltage Range: 24V Nominal
Wire Configuration: 3-Wire (Power, Ground, Signal)

The PADO24Z4M-956 is primarily deployed within the paper handling subsystems of large-scale printing presses, serving as a direct replacement for the Mitsubishi Diamond 3000 series delivery fans. In this capacity, the PADO24Z4M-956 provides the controlled airflow necessary to stabilize paper sheets during the stacking process, preventing jams and ensuring alignment. Additionally, its robust 24W motor and speed control capabilities make it suitable for other industrial automation tasks, such as cooling servo drives, control cabinets, and specialized machinery where precise air pressure regulation is required.

Supplemental Images